SVW909 1.8” Color Display Wifi Sip Phone
User Manual

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SVW909 Wifi Sip phone Hardware Overview:

---------- Black Color

---------- Orange Color

Catalog

Safety Use of the SVW909 Wifi Sip phone---------- 2

Start---------- 3
Package Contents----------3
Phone Specification----------3
Handset Description----------4
Key Pad define and text entry----------5
Write Text----------5
Fit Battery----------5
Charge Battery----------6
Power on /off----------6
Keypad lock----------6
WLAN and VOIP Setting---------- 7
Dial/Answer Call---------- 8

Menu Function---------- 9
Call---------- 9
Play----------10
Utilities----------10
Setting----------10
Status Summary----------11
WLAN Scan----------11
Basic Trouble Shooting----------12

Safety Use of the SVW909 Wifi Sip phone:

Read these simple guidelines. Not following them may be dangerous or illegal. Read the complete user guide for further information.

SWITCH ON SAFELY

Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

ROAD SAFETY COMES FIRST

Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.

INTERFERENCE

All wireless phones may be susceptible to interference, which could affect performance.

SWITCH OFF IN HOSPITALS

Follow any restrictions. Switch the phone off near medical equipment.

SWITCH OFF IN AIRCRAFT

Follow any restrictions. Wireless devices can cause interference in aircraft.

SWITCH OFF WHEN REFUELING

Do not use the phone at a refueling point. Do not use near fuel or chemicals.

SWITCH OFF NEAR BLASTING

Follow any restrictions. Do not use the phone where blasting is in progress.

USE SENSIBLY

Use only in the normal position as explained in the product documentation. Do not touch the antenna unnecessarily.

QUALIFIED SERVICE

Only qualified personnel may install or repair this product.

ENHANCEMENTS AND BATTERIES

Use only approved enhancements and batteries. Do not connect incompatible products.

WATER-RESISTANCE

Your phone is not water-resistant. Keep it dry.

BACK-UP COPIES

Remember to make back-up copies or keep a written record of all important information stored in your phone.

CONNECTING TO OTHER DEVICES

When connecting to any other device, read its user guide for detailed safety instructions. Do not connect incompatible products.

START

Package Contents

Wifi phone x1
Battery x1
USB line x1
Adapter x1
Quick guide x1
Certificate of approval x1

Phone Specification

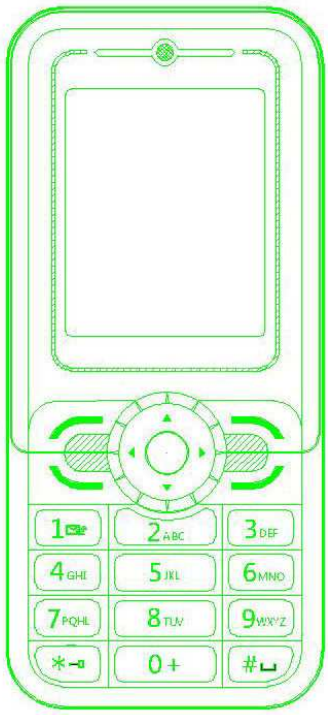
Dimension	100* 45* 18 mm
Weight	100g
Battery	Rechargeable battery, 3.7V, 850mAh
Adapter	Input AC 100-220V / output DC 5V 1A
Protocol	SIP v2，RFC3261/STUN、RTP
LCD	Color LCD 1.8”, 128*160

NOTE:

The SVW909’s standby time depends on the network conditions, phone usage and surrounding area. The phone consumes more power under the following conditions:

1. Working in areas with poor wifi signals; Working outside the service coverage area; working under high or low temperature environment;
2. When the phone frequently searches for network signal due to location changes
3. When users talk on the phone for long periods of time (+ - 3hrs)
4. The Alarm, Backlight or Vibration function is active
5. Ring or listening volume is set to maximum value

Handset Description



Key	function
Left soft key	Select/done
Right soft key	Back/clear/exit
Answer key	Answer/dial
End key	Reject/end/back/power on/power off
Up	Up/increase
Down	Down/decrease
Left	Before/decrease
Right	Next/increase
OK	Same to the left soft key
Number key 1	Number 1 and symbols in common use“．”“—”“？”“@”“１”
Number key 2	Number 2 and characters ABC
Number key 3	Number 3 and characters DEF
Number key 4	Number 4 and characters GHI
Number key 5	Number 5 and characters JKL
Number key 6	Number 6 and characters MNO
Number key 7	Number 7 and characters PQRS
Number key 8	Number 8 and characters TUV
Number key 9	Number 9 and characters WXYZ
Number key 0	Number 0/+-*%　and for blank
Symbol *	Symbol * / symbols
Symbol #	Symbol # /shift input

Key Pad define and text entry

	Text Mode			Text Mode	
Key	Normal (ABC)	Numeric (0-9)	Key	Normal (ABC)	Numeric (0-9)
1		1	7 PQRS	pqrsPQRS	7
2 ABC	abcABC	2	8 TUV	tuvTUV	8
3 DEF	defDEF	3	9 WXYZ	wxyzWXYZ	9
4 GHI	ghiGHI	4	0 @		0
5 JKL	jklJKL	5	*.	* @ . _ - * #()%&+	.
6 MNO	mnoMNO	6	#	#	#

Write Text

The number keys are not labeled with all the letters you can input. You may need to refer to the selected language to check the letters that can be input with a key. The SVW909 Sip Wifi phone support English and Simplified Chinese INPUT.

English:

- Press the number keys 1 to 9 continuously until the right character appear.
- Press the key that character is labeled, once for the first character, twice for the second, so on and so forth.
- If the letter you want is at the same key with the former letter, you can press the left or right key ,then enter the new letter.
- Press the key of number 1, you can input some interpunctions you frequently use.
- Select “clear” to delete the character before the cursor appears.

Fit Battery

Open the battery cover, set the battery into the storehouse, then close the cover.

Charge Battery

1. Connect the usb line to the usb interface of PC, or connect the usb line to the Power charger, and process the circuit. After this operation, the charging status will be shown on the screen of the phone. It's recommended that you pull out the charger when making a call.

Power on /off

Power on

Press the End key for 2 seconds, the phone start to respond and power on. You need to setup the phone first, if you have finished setting, the phone will search for the set WLAN automatically.

Setting needed

Standby mode

Power off

Press the End key for 2 seconds, the phone will start to respond and power off.

Keypad lock

Activation: at standby mode, press * key first, and then # key
Unlock: press the * key first, and then # key

WLAN and VOIP Setting

This product support IEEE802.11b/g and SIP protocol, the default setting is without SIP information. In order to configure the phone, you should obtain Sip account information from your ITSP beforehand.

Example 1 --- Wifi Network Configuration:

SSID: WIFIAP
Security type: WEP-open
Password/Text: WIFI (or Hex key: 1016A386E)

Example 2 --- Sip Account Configuration:

SIP server（domain）: 51.108.26.31 (or maybe in the form of : sip.stephen-tele.com)
User name (SIP phone number):123456
SIP phone number: 123456 (phone number could be the same to user name, depends on your server.)
Password: 1234

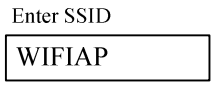
A: Search Available WLAN

1 At standby mode, press the right soft key or OK key to enter the main menu.
2 Select **4 setting>2 WLAN setting>2 WLAN search**, press right soft key or OK key to start WLAN searching.
3 After searching, there will be a list to show you the available APs, with security type and signal strength. Select the one with highest Signal strength (if this AP is permitted to use), press right soft key or OK key to setting.

Note: The security type of the selected AP is shown on the AP list. You may use WEP-OPEN type or any others by following the indication

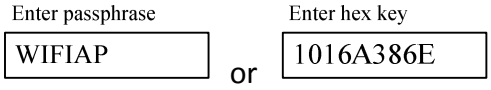
B: Connect WLAN

1. Set the **SSID** name first, (the default name is the one you have just selected，the name is consistent to AP currently), press right soft key or OK key to enter **change** menu.



2. Select **2 security type>2 WEP-OPEN〉1 WEP Key index〉1 WEP Key 1,**press right soft key or OK key and enter the **WEP-OPEN** menu again. If the security type is “Open”, go to Step 4 directly.

3. Select **2 key / pass〉1 passphrase/2 hex Key,** press right soft key or OK key enter the **enter key（hex）**mode, key of the SSID is the one of the AP you have just selected., then press the right soft key or OK key enter **change** menu again.



4. Select **3 IP setting>1 use DHCP** (If the WLAN you selected support DHCP server), press right soft key or OK key to enter **change** menu again. You can also select **static IP**, follow the indications, enter the IP address, net mask、gateway, DNS address in turn. And back to **change** menu after the setup.

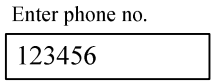
5. Select **4 save and use**, press right soft key or OK key to enter the **save and use** menu.

6. Select **1 do not use**, press right soft key or OK key enter **WLAN Setting** menu again, finish WLAN setting.

C: SIP Server Registration

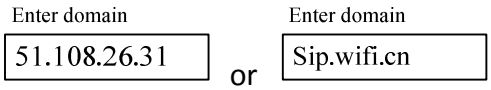
1.Wifi phone number setting

You should obtain Sip account information from your ITSP before you configure the phone.
Select **3 VOIP setting> change> VOIP identify> SIP number,** press right soft key or OK key , input SIP phone number, press right soft key or OK key and enter the **VOIP change** menu again.



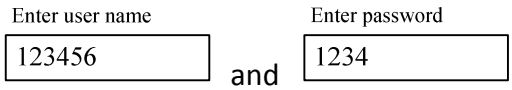
2.SIP domain setting

Select **3 VOIP setting> change> VOIP identify> SIP domain,** press right soft key or OK key ,input SIP server address, press right soft key or OK key and enter the **VOIP change** menu again.



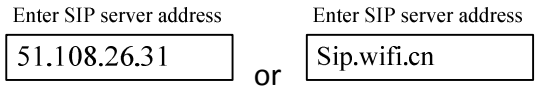
3.SIP server authentification

Select **VOIP authentification>SIP user name/ password**, then press right soft key or OK key and enter the **VOIP change** menu.



4.SIP Server Setting

Select **VOIP server> SIP server address/SIP proxy address**, press right soft key or OK key and enter the **VOIP change** menu.



Note:

1. Regularly your Sip Server will support STUN, and you don't need to set stun in your handset to register to a Sip server. But if your server doesn't support STUN, you can find some open STUN resource through the internet, and configure it to the handset.
2. The default port of the SVW909 is 5060, If you want to change it, you can add a": " after your sip server address, and add the port number after the ":"

Enter SIP server address

51.108.26.31：5060

NOTE: Voice mail is NOT available with this edition

Dial/Answer Call

1. Enter the integrity number, or you can search the number from the phonebook;
2. Press the Answer key to call the number, you can press the side keys or right/left key to set the volume of the speaker and mic
3. Press Answer key to answer a call, to reject a call press the End key.

Menu Function

You can press right soft key to enter the main menu at standby mode, then choose the function you want. Press left key “back” you will back to the higher level menu. Press the End key you will back to the standby mode.
Not all menu functions or option items are described here.

Call

Phonebook

Select **Menu>Call>Phonebook**, You can save names and phone numbers in the phone memory. The internal contact list can store up to 200 names.
You can also use the following options in the Phonebook menu:
Phone numbers----- classify the number and store
Special ring----- select the special ring for the entry
Edit name----- edit name for the entry
Delete entry----- delete entry from phonebook

Find name and number from phonebook

1 Scroll down in the standby mode, select Menu>Call>Phonebook>Find name .
2 Enter the first letters of the name. Scroll to the name that you want.

You can press # to switch the input method.

Dial

Select **Menu>Call >Dial**, you can enter the number you want and call it then.

Recent Calls

Select **Menu>Call>Recent calls**, The phone stores up 10 recent Missed/Received/Dialed/ phone numbers. And it stores up approximate talking time of all call.

Speed numbers

Select **Menu>Call >Speed numbers**

Message

Create

Select **Menu>Message>Create**, then edit a new message here and sent it out.

Inbox

Select **Menu>Message>Inbox**, you can check the messages you have received. The Inbox can store 20 messages at most.

Outbox

Select **Menu>Message>Outbox**, you can check the messages you have sent. This inbox can store 20 messages at most.

Drafts

Select **Menu>Message>Drafts**, you can check the messages you have stored up before sent. This inbox can store 20 messages at most.

Note: The phone support SMS function, but you will be able to send messages only if the Server support SMS.

Play

You can play the melody、 key tones and system tones internal here.

Select **Menu>Play**, select the entry you want, press right soft key “select” to play.

Utilities

Stop watch

Select **Menu>Utilities>Stop Watch**, press right soft key to activate the stop watch and start to time.

Calculator

Select **Menu>Utilities>Calculator,** Press keys 0 to 9 to insert digits and # to insert a decimal point. Press * to select algorithm, and right soft key to get result.

Note: This calculator has limited accuracy and is designed for simple calculations.

Calendar

Select **Menu>Utilities> Calendar,** press up/down/right/left key to look over.

Setting

You can change the phone settings in this menu.

Phone setting

Volume setting

Select **Menu>Setting>Phone setting>Volume setting**, you can set the volume of receiver, ring, keypad.

Alert/Ring

Select **Menu>Setting>Phone setting> Alert/Ring**, you can select special ring, or s set the phone to vibrate when you receive a call

Speakerphone

Select **Menu>Setting>Phone setting>Speakerphone**, you can set it on or off.

Screen/Keys

Select **Menu>Setting>Phone setting>** Screen/Keys, you can set contrast, backlight, key repeat, key click volume here.

Language

Select **Menu>Setting>Phone setting>** Language, to select the menu language you want (including English, Korean and Chinese) .

Telephone tones

Select **Menu>Setting>Phone setting>** Telephone tones, select telephone tones mode.

Edit greeting

Select **Menu>Setting>Phone setting>** Edit greeting, you can edit greeting information for your phone.

WLAN Setting and VOIP Setting

See page 7 for details

Security Type

Select **Setting>WLAN Setting>WLAN/IP Setting>Change>Security Type**, this phone support Open, WEP, WPA2, WPA-PSK, WPS security types. Choose the different type for different WLAN.

Time/Date

Select **Menu>Setting>Time/date**, set the time and date of your phone here. You can also select a different mode of the time/date format.

Upgrade Server Address

Select **Menu>Setting> Upgrade Server Address,** enter the updated server address in the blank, when you start to upgrade, the system will connect automatically.

Firmware Upgrade
Select **Menu>Setting> Firmware Upgrade,** the system will check for the new files and updates automatically.

Erase All
Select **Menu>Setting> Erase All**, to reset the phone to factory settings.

Remote Access
Select **Menu>Setting> Remote Access**, you can enable or disable the remote access.

Status Summary

This handset provide user shortcut to check the settings , there will be a detailed list after you setup your phone.
Note: You can only check the status here, if you want change your settings, go back to the setting menu.

WLAN Scan

You can scan the WLAN quickly here.

Basic Trouble Shooting

Question	Solution
Why can't I switch on?	1. check if the battery is insert correctly. 2. check if the battery is full of power. Connect the handset to PC or the Battery charger
Why there is no signal?	1. check if you have any available AP to use. 2. check if you have the permission to use the AP. 3. check if your AP settings is correct.
Why can't I make a call?	1. Check if your phone is registered to the server successfully. 2. Check if you have setup the WLAN correctly 3 Check if the number you dialed is available.
Why my phone doesn't upgrade auto ?	1. The firmware is already the latest version 2. The upgrading server address is not updated.
Why my phone doesn't roam ?	1. The phone roams only between the APs with same SSID and password, you may check if you sets up the Same SSID and password to your phone correctly.

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